

Atlanta Ham

OFFICIAL PUBLICATION OF THE ATLANTA RADIO CLUB, W4DOC

JULY 2002

CQ Field Day CQ Field Day DE W4WOW STARS

June 23, 2002
Atlanta, Georgia

The Atlanta Radio Club, W4DOC, had the opportunity and pleasure to operate one of the finest amateur radio stations open to the public in the Southeast.

Members of W4DOC operated under the station callsign of W4WOW, a amateur radio exhibit and active station based at Scitrek Museum in Atlanta. Many visitors, interested by the beeps and call of CQ, were attracted to the station where members of the club were on hand to answer questions.

Many thanks go out to David Tomaschik, KF4MDV, who arranged for the club to be present in numbers for this great opportunity. Penn McClatchey, K4PE, was on hand during the day and brought a few toys along to show to club members. Also on hand were Stephen, KG4PTO, Sandy, N4QXI, Ronny, K4RJJ, and Marshall, KG4OOI,

Do you have any Field Day stories of your own? Let us know and we'll print them in the August Ham.

For more pictures, go to page 6.



Atlanta Radio Club member Sandy Slider, N4QXI, operates W4WOW 3A GA at STARS Station at Scitrek Museum.

Field Day turns tragic for Alabama club

Details Page 3

More Inside...

Club Info ... Page 2
Meeting Info ... Page 3
Penn, K4PE ... Page 3
New Members ... Page 3

OSAR 7 RETURNS!
The ARRL Letter
Article ... Page 4

Repeater News ... Page 5
Activities ... Page 5
Testing ... Page 5
Membership ... Page 7

2002 Atlanta Hamfest ~ A Success!

Well, the Atlanta Hamfest is over and the results are in. Hamfest chairman John Talipsky reports the Hamfest was a success. Attendance was up, including a strong presence from folks outside the state, and vendors reported good sales. The Grand Prize, a Yaesu 817, was won by Richard De Brosse, N8XYH, of Aiken, S.C. As always, we learned a few things for next years show. It's going to be a big one in 2003. Vendors are already signing up and reserving space. Many thanks go out to all who participated. For a complete wrap up of 2002 come to the July 11th meeting!

Mark your calendars! June 7, 2003 Atlanta Hamfest 2003

THE ATLANTA HAM

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Submit articles:

Atlanta Radio Club
Attn: HAM EDITOR
PO BOX 720398
Atlanta, Georgia 30358

Contact the editor for available formats to transfer material.

DEADLINE FOR SUBMISSIONS IS THE 21ST OF EACH MONTH!

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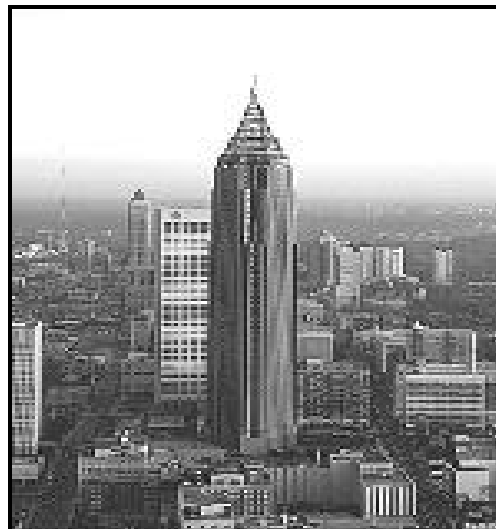
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THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers



Bank of America Tower
Site of Atlanta Repeaters:
146.82(-), 224.34(-) and 444.825(+)

W4DOC REPEATERS

The Atlanta Radio Club operates five repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of our system.

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate two repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Dennis, KF4MHW, and should also be on the air before May 1, 2002. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

ASSOCIATE ORGANIZATIONS



MEETING NOTICE

WHEN: Thursday JULY 11, 2002 730pm
WHERE: The Red Cross – 1955 Monroe Drive

TALK IN: 146.820 (-) PL 146.2

DINNER: 615pm - The Picadilly Cafeteria located at
Ansley Mall – 1544 Piedmont Rd

PRESIDENT'S MESSAGE – PENN K4PE

We have a special guest for our July 11 meeting: Keith Hamrick who covers the SE for Pace, Inc, a supplier of SMT equipment. For more information about Pace, see <http://www.paceworldwide.com>. Keith tell us how to construct and repair equipment with SMT components. While PACE sells equipment, he said that he isn't doing a sales presentation. He is aware that we are a group of hobbyists, and says that we probably use our existing soldering irons with the right tip and technique. This should be an excellent meeting for those of you who like to build or repair electronic equipment, because SMT components are becoming more prevalent all the time!

Don't forget our Friday lunch!

5 SEASONS BREWING COMPANY
The Prado
5600 Roswell Rd. Atl. GA
Suite 21
(404) 255-5911

73's Penn, K4PE

Field Day turns tragic for Alabama club: Muscle Shoals Amateur Radio Club President Randy Newton, AF4TG (ex-KE4TZV) of Killen, Alabama, suffered a fatal heart attack during the club's W4JNB Field Day operation June 23. He was 43. "Randy had been doing his part to bring club members into the meetings, as well as making everyone feel welcome on the 146.61 club repeater," said club member Rick Ruhl, W4PC. Ruhl said attempts by trained individuals on site failed to revive Newton. "He did pass on doing what he loved, ham radio, which was some comfort to us," Ruhl said. "We will miss him dearly, and he was a good friend to all." The club terminated its Field Day operation after the incident. Newton was an ARRL member and a volunteer examiner. Survivors include his wife, Mary, KF4MEI. A funeral service was held June 25.

WELCOME NEW MEMBERS...

NJ4A Brian Addison, Lawrenceville
KG4QDH Emily Ivey, Norcross

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Atlanta, Georgia, 30358

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Newsletter
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AMSAT-OSCAR 7 SATELLITE RETURNS FROM THE DEAD

The ARRL Letter
Vol. 21, No. 26
June 28, 2002

After being declared dead more than 20 years ago, the AMSAT-OSCAR 7 satellite suddenly came back to life this month. First heard June 21 by Pat Gowan, G3IOR, AO-7 subsequently has been monitored-and used again--by several other amateurs. AO-7 was launched November 15, 1974. It remained operational for more than six years before succumbing to battery failure in 1981.

"I'm blown away," was the reaction of AO-7 Project Manager Jan King, W3GEY. "So, this old war horse of a spacecraft seems to have come back from the dead if only for a few moments."

Exclaimed satellite enthusiast and AMSAT Vice President for User Services Bruce Paige, KK5DO, "This is really awesome!" Paige said the latest turn of events makes AO-7 the oldest amateur satellite that's still working. AMSAT-NA has now listed AO-7 as "semi-operational."

AMSAT says it seems certain the satellite is running only off its solar panels, not from the onboard batteries, so it will be operational only while it's in sunlight. King speculates that the batteries, which shorted as they failed two decades ago, now are "un-shortening" and causing the satellite to come back to life.

For those attempting to use AO-7, Mode A (2 meters up/10 meters down) is not a problem, but Mode B (70 cm up/2 meters down) is. Because of changes in the international Radio Regulations that went into effect in the 1970s as AO-7 was under construction, the 432.1 MHz uplink frequency is no longer authorized for

space communications.

AMSAT advises potential users that when uplinking to a satellite, they are operating in the Amateur-Satellite Service. AMSAT says uplinking to AO-7 "is possibly illegal since the Amateur Satellite Service is not permitted at 432.1 MHz." The current band plan earmarks the 432.1 MHz range for weak signal work. Sections 97.207(c)(2) and 97.207(b)(2) of the FCC's rules authorize space station and earth station operation only in the 435-438 MHz segment.

Built by a multinational team under the direction of AMSAT-NA, AO-7 carries Mode A (145.850-950 MHz uplink; 29.400-500 MHz downlink) and Mode B (432.180-120 MHz uplink; 145.920-980 MHz downlink) linear transponders

plus beacons on 29.502 and 145.972 MHz. A 2304.1 MHz beacon was never turned on because of international treaty constraints.

AMSAT has additional information on AO-7 on its Web site
<<http://www.amsat.org>>.



The very best of new technology is here and on sale now

Icom 756PRO II



Kenwood TS-2000



Yaesu FT-1000MPMKV





All the top brands of amateur radio equipment available!
We'll see you in June at the Hamfest!
800-444-7927 770-263-0700
24 HOUR FAX 770-263-9548
atlanta@hamradio.com
6071 Buford Hwy, Atlanta GA 30340

METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

First Sunday WCARS VEC
2:00 PM (Except July and September)
Johnson High School
3305 Poplar Springs Road, Gainseville
Terry Jones, W4TL (770)967-6364

First Thursday – EVEN # MONTHS 7:00 PM
Fayette County Repeater Assn, ARRL VEC
Peachtree City Library, downstairs
Ed Ferguson, N4YTR (edferg@peoplepc.com)

Second Tuesday 7:00 PM
Walton EMC Building
3645 Lenora Church Road, Snellville
Wayne Taylor, WD4CCA (770)498-7759

Second SaturdayCA VEC 8:30 AM
Stone Mountain Methodist Church
5312 West Mountain Street, Stone Mountain
Hal Martin, K14RD (770)978-9160

Second Saturday – ODD # MONTHS 10:00 AM
Fayette County Repeater Assn, ARRL VEC
Peachtree City Library, downstairs
Ed Ferguson, N4YTR (edferg@peoplepc.com)

Third SaturdayCA VEC 9:00 AM
Marietta First United Methodist Church
Room 305
56 Whitlock Avenue, Marietta
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM
United Way Service Center
6279 Fairburn Road, Douglasville
Jessie Clower, KB4WFK (770)942-6466

Fourth FridayW5YI VEC 7:00 PM
St. John Neumann Church
801 Tom Smith Road, Lilburn
Headphones provided
Howie Gould, W9HG (770)921-8362

Radio Communications: Voice & Data ~ Commercial
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(423) 629-7911 or (423) 886-4096
1.800.251.1373

ACTIVITIES CALENDAR FOR MAY 2002

Georgia State Convention, Lanierland ARC Hamfest
<http://www.lanierlandarc.org/hamfest.htm>

Always the 4th Saturday!
STARS – July, 12pm – 3pm SCITREK
Contact Penn. K4PE

Announcing the 2002 Georgia QSO Party

Sponsored by the South East Contest Club (SECC) and the
Southeastern DX Club (SEDXC)

Dates: July 20th and 21st. 2002
Contest Period: 1800z July 20 - 0359z July 21 & 1400 - 2359z July
21 - Total of 20 hours.

For complete rules and contest information, check out our website
at <http://gqp.contesting.com> .

UPCOMING HAMFEST CALENDAR

Georgia State Convention
Lanierland ARC
<http://www.lanierlandarc.org/hamfest.htm>

17-18 Aug 2002 Alabama Section Convention
Huntsville Hamfest Association
<http://www.hamfest.org>

24 Aug 2002 Tampa ARC
<http://www.hamclub.org>

14 Sep 2002 Paulding ARC
<http://www.pauldingarc.com>

12 Oct 2002 ARC of Augusta

2-3 Nov 2002 Georgia Section Convention
Alford Memorial Radio Club
<http://www.totr.radio.org>

9 Nov 2002 Montgomery ARC
<http://jschool.troyst.edu/~w4ap/>

7-8 Dec 2002 Florida State Convention
Florida Gulf Coast AR Council
<http://www.fgcarc.org>



**FIELD DAY
2002**

ATLANTA RADIO CLUB, INC P.O. Box 720398 Atlanta, GA 30358

New ☐ Renewal ☐ Treasurer Use: Date Paid: _____ Amount: _____ Cash ☐ or Check# _____
Name _____ Call _____ Class _____
Address _____ City _____ ST _____ Zip _____
Phone _____ E-mail _____ Birth _____
Occupation _____ Spouse's Name _____
Family Names (Included in membership) List Here: _____

Type of Application ☐ **Voting \$22** ☐ **Student \$8** ☐ **Family \$2/person(non-voting)**

NOTE: Any memberships paid for after Feb 28th fall under the halfway rule. Members joining during this period are only required to pay for half of a year.

☐ **Voting \$11** ☐ **Student \$4** ☐ **Family \$1/person (non-voting)**

DUES PAID: ARC \$ _____ + FAMILY \$ _____ TOTAL \$ _____

Make your check payable to Atlanta Radio Club

Lanierland Amateur Radio Club Hamfest

Georgia State ARRL Convention Saturday July 13, 2002

8:00AM to 3:00PM

Gainesville, known as the "**Queen City of the Mountains**", is located approximately 50 miles NE of Atlanta just off **Interstate I-985**. The Georgia Mountains Center, 301 Main St. SW, could not be easier to find. It is right in the middle of downtown Gainesville at the corner of Jesse Jewell and Main Street. The Center has plenty of free parking available so don't worry about finding a place to park.

W4ABP Repeater 146.67 (-) offset with a PL of 131.8HZ

If you are coming from the south on I-985 take Exit 20 (Hwy 60) and then turn left. Continue until you get to SR 369. Turn right towards downtown Gainesville and proceed about 3 blocks. The Georgia Mountains Center will be on the left.

ATLANTA RADIO CLUB, INC
PO BOX 720398
ATLANTA, GA 30358



MEETING NOTICE July 11, 2002

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For complete rules and contest information, check out our website at <http://gqp.contesting.com> .

Please get this information out to as many club members as you possibly can. We would like to have a strong Georgia presence in this year's contest... activating as many counties as possible.

If you or another club member is planning to participate as a Mobile/Rover, please relay that person's intended route to me... so that we can post it on our site.

Finally, if you or your club would like to sponsor a plaque this year - please let me know and I'll pass along that information to you.

The Signman of Baton Rouge



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W4DOC
BADGE!**

Go online or
call for pricing

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Baton Rouge, LA 70808 USA
(225) 757-1545 Phone (225) 766-9387 Fax
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[Http://thesignman.com](http://thesignman.com)